

AMENDMENT NO. 2 AUGUST 2017 TO IS 6796 : 1997 PROPYL GALLATE, FOOD GRADE — SPECIFICATION

(First Revision)

[Page 1, *clause 4.1*] — Insert the following at the end:

4.1.4 *TLC Separation of Gallate Esters*

Use a thin-layer plate prepared with silica gel G. Prepare a sample solution by dissolving 10 mg of sample in 10 ml ethanol. Prepare control solution A by dissolving 10 mg of propyl gallate in 10 ml ethanol and control solution B by dissolving 10 mg of propyl gallate and 10 mg of octyl gallate in 10 ml ethanol.

4.1.4.1 Place 5 µl of each solution on the plate. Develop the chromatogram to about 15 cm from the starting point using a developing solvent containing glacial acetic acid, petroleum ether and toluene (1:2:2).

4.1.4.2 Dry the plate in air. Spray the plate with an indicator solution, containing 20% w/v phosphomolybdic acid in ethanol until a yellow colouration persists.

4.1.4.3 Examine in daylight. After a few min there is a progressive change to blue colouration. After 5 to 10 min expose the plate to ammonia vapours until the background is white.

4.1.4.4 Examine in daylight. The principal spot of the sample solution corresponds with that for propyl gallate in the control solutions. Suitable resolution of propyl and octyl gallate spots is determined from control solution B.’

[Page 1, *Table 1, Sl No. (viii)*] — Insert the following new entry at the end of the table:

Sl No.	Characteristic	Requirement	Method of Test, Ref to	
			Annex of this Standard	Clause of IS 1699 : 1994
(1)	(2)	(3)	(4)	(5)
ix)	Lead, mg/kg, <i>Max</i>	2	—	15

(FAD 08)

Publication Unit, BIS, New Delhi, India